

#### INSTRUCTIONS TO FABRICATOR

Format sheet shows:

1. Sign structure location.
2. Length of structure span.
3. Panel size and location on structure.
4. Post height to bottom of panel or mast arm elevation.
5. Base plate elevation.
6. Photoelectric unit location if required.
7. Walkway location.

#### WALKWAY BRACKETS:

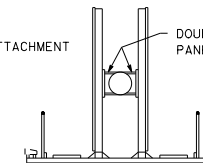
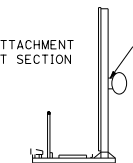
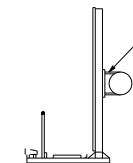
Maintain uniform spacing where possible.  
Maximum spacing shall not exceed 5'-6"  
Minimum clear to field splice = 1'-0"±

#### WALKWAY AND SAFETY RAILING:

Walkway to extend full length of sign area and be continuous between signs. Extend walkway to edge of pavement if required. Safety railing to protect entire walkway.

#### PHOTOELECTRIC UNIT:

Place behind sign panel nearest right shoulder unless otherwise shown on format sheet.



#### NOTES:

1. Maximum post height = 24'-0" + sign panel depth/2.
2. For walkway details, see Standard Plan S16.
3. For safety railing and cable details, see Standard Plans S17 and S18.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Stanley P. Johnson  
REGISTERED CIVIL ENGINEER

May 31, 2018  
PLANS APPROVAL DATE

No. C57795  
EXP. 3-31-20  
CIVIL

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
Stanley P. Johnson  
No. C57795  
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CIVIL  
STATE OF CALIFORNIA

#### GENERAL NOTES:

##### LOADING:

##### WIND LOADING:

Normal to face of sign: 40.3 psf on 100% panel coverage.

Transverse to face of sign: 20% of normal force.

##### WALKWAY LOADING:

Dead load 500 LBS concentrated live load.

##### UNIT STRESSES:

STRUCTURAL STEEL:  $f_y = 36,000$  psi

REINFORCED CONCRETE:  $f_y = 60,000$  psi

$f'_c = 3600$  psi

FOOTING SOIL PRESSURE: 2.5 ksf (spread footing)

##### MINIMUM CLEARANCE

Vertical roadway clearance 18'-0" above roadway and shoulders

##### WELDING:

All welding continuous unless otherwise noted on the plans.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**OVERHEAD SIGNS-TUBULAR  
INSTRUCTIONS AND EXAMPLES**

NO SCALE

**S30**